

U. S. PTO
INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

01/13/97

Docket Number (Optional)

GAR1756.0

Application Number

08/531,472

Applicant(s)

WILLIAM A. GARDNER; STEPHEN V. SCHELL

Filing Date

OCTOBER 10, 1996

Group Art Uni

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

c_7	Schmidt, R., "Multiple Emitter Location and Signal Parameter Estimation", IEEE Transactions on Antennas and Propagation, Vol. AP-34, No. 3, pp. 276-280, March 1986.
c_8	Viberg et al., "Detection and Estimation in Sensor Arrays Using Weighted Subspace Fitting", IEEE Signal Processing, Vol. 39, No. 11, pp. 2436-2449, November 1991.

EXAMINER



DATE CONSIDERED

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C1	Gardner, W. A., "Statistical Spectral Analysis: A Nonprobabilistic Theory", Prentice-Hall Information and System Sciences, pp. 481-488, 1987.
C1	Brown, W. A., "On the Theory of Cyclostationary Signals", PhD thesis, University of California, Davis, pp. 70-102, September 1987.
C1	Reed, J.H., "Time-Dependent Adaptive Filters for Interference Rejection", PhD thesis, University of California, Davis, pp. 100-133, December 1987.
C1	Gardner et al., "Frequency-Shift Filtering Theory for Adaptive Co-Channel Interference Removal", Proceedings of the Twenty-Third Asilomar Conference on Signals, Systems & Computers, pp. 562-567, 11/1989.
C1	Gardner et al., "Performance of Optimum and Adaptive Frequency-Shift Filters for Cochannel Interference and Fading, Proceedings of the Twenty-Fourth Asilomar Conference on Signals, Systems &
	Computers, pp. 242-247, 11/1990.
C1	Reed et al., "The Performance of Time-Dependent Adaptive Filters for Interference Rejection", IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. 38, No. 8, pp. 1373-1385, Aug. 1990.
C1	Petrus et al., "Time Dependent Adaptive Arrays", IEEE Signal Processing Letters, Vol. 2, No. 12, pp. 219-222, Dec. 1995.
C1	He et al., "Spectral Correlation of AMPS Signals and its Application to Interference Rejection", Proceedings of MILCOM 1994, pages III:1007-1011, Oct. 1994.
C1	Reed et al., "An Optimal Receiver Using a Time-Dependent Adaptive Filter", IEEE Transactions on Communications, Vol. 42, No. 2/3/4, pp. 187-190, Feb. - April 1995.
C1	Aue et al., "An Interference Robust CDMA Demodulator That Uses Spectral Correlation Properties", Proceedings of IEEE 44th Vehicular Technology Conference, pp. 563-567, June 1994.
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C7 Mendoza et al., "Interference Rejection Using the Time-Dependent Constant Modulus Algorithm (CMA) and the Hybrid CMA/Spectral Correlation Discriminator", IEEE Transactions on Signal Processing, Vol. 39, No. 9, pp. 2108-2111, Sept. 1991.

C7 Mendoza et al., "Interference Rejection Using Time-Dependent Constant Modulus Algorithms", Twenty-Third Asilomar Conference on Signals, Systems & Computers, pp. 273-278, Oct. 1989.

C7 Mendoza et al., "Interference Rejection Using a Hybrid of a Constant Modulus Algorithm and the Special Correlation Discriminator", Proceedings of MILCOM 89, pp. III:491-497, Oct. 1989.

C7 Greene et al., "An Optimal Receiver Using a Time-Dependent Adaptive Filter", Proceedings of MILCOM 89, pp. III:650-656, Oct. 1989.

C7 Reed et al., "A Frequency Domain Time-Dependent Adaptive Filter for Interference Rejection", Proceedings of MILCOM 88, pp. II:391-397, Oct. 1988.

C1 Widrow et al., "Adaptive Signal Processing", Prentice-Hall, pp. 15-22, 1985.

C1 Treichler et al., "A New Approach to Multipath Correction of Constant Modulus Signals", IEEE Transaction on Acoustics, Speech, and Signal Processing, Vol. ASSP-31, No. 2, pp. 459-472, April 1983.

C1 Treichler et al., "New Processing Techniques Based on the Constant Modulus Algorithm", IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. ASSP-33, No. 2, pp. 420-431, April 1985.

C1 Gooch et al., "The CM Array: An Adaptive Beamformer for Constant Modulus Signals", Proceedings of ICASSP 86, pp. 2523-2526, April 1986.

C1 Shynk et al., "Convergence Properties of the Multistage CMA Adaptive Beamformer", Proceedings of the Twenty-Seventh Asilomar Conference on Signals, Systems & Computers, pp. 622-626, November 1993.

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		Applicant(s) WILLIAM A. GARDNER; STEPHAN V. SCHELL	Filing Date OCTOBER 10, 1996
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<p><i>MAIL ROOM</i> <i>EXAMINER</i> <i>10/25/97</i> <i>P.T. & TRADEMARK OFF.</i></p> <p>GARDNER, William A., "CYCLIC WEINER FILTERING: THEORY AND METHOD", IEEE Transactions on Communications, vol. 41. no. 1, January 1993, pp. 151-163</p>			
<p>C1 HENDESSI F. et al., "THE STRUCTURE AND PERFORMANCE OF FRESH-DECISION FEEDBACK EQUALIZER IN THE PRESENCE OF ADJACENT CHANNEL INTERFERENCE", Proceedings of the 1993 43rd IEEE Vehicular Technology Conference, May 18-20, 1993, pp. 641-644.</p>			
<p>C2 WEBSTER, Mark, "POLYSPECTRA-BASED, BLIND, MMSE, FRACTIONALLY-SPACED EQUALIZATION OF A CYCLOSTATIONARY SIGNAL", Proceedings of the 1993 IEEE Statistical Signal and Array Processing Conference, April 27-30, 1993, pp. IV-276 to IV-279.</p>			
<p> </p>			
EXAMINER 		DATE CONSIDERED <i>6/18/98</i>	

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